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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **240703-1170**
First Named Inventor **Neil Birkett, et al.**
Title **Complex Filtering/AGC Radio Receiver Architecture for Low-IF or Zero-IF**
Express Mail Label No. **EL492178087US**

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
3. ☒ Specification (preferred arrangement set forth below) [Total Pages **18**]
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed. Sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC d113) [Total Sheets **6**]
5. Oath or Declaration [Total Pages **5**]
- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies);
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & Documents(s))
10. ☐ 37 CFR §3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, OR IN AN Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior application information: Examiner _____

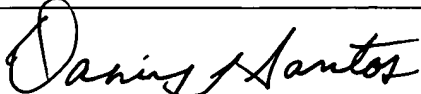
Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label **24504** or ☐ Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	Daniel J. Santos		
	Thomas, Kayden, Horstemeyer & Risley, L.L.P.		
ADDRESS	100 Galleria Parkway		
	Suite 1750		
CITY	STATE	ZIP CODE	
Atlanta	Georgia	30339-5948	
COUNTRY	TELEPHONE	FAX	
U.S.A.	770-933-9500	770-951-0931	

Name (Print/Type)	Daniel J. Santos	Registration No. (Attorney/Agent)	40,158
Signature		Date	9/29/00

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Neil Birkett, et al.

For: Complex Filtering/AGC Radio Receiver Architecture for Low-IF or Zero-IF

CERTIFICATE OF EXPRESS MAIL

Assistant Commissioner for Patents
BOX: Patent Application
Washington, D.C. 20231

Sir:

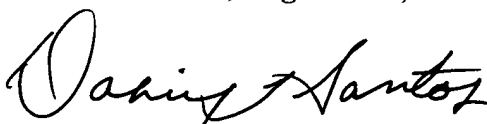
Enclosed for filing in the above case are the following documents:

Return Postcard
Patent Application (18
Informal Drawings (6)
Executed Declaration & POA
Executed Assignment and Assignment Cover Sheet
Fee Transmittal document
Credit Card Authorization Form

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Daniel J. Santos; Reg. No. 40,158



**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

100 Galleria Parkway, N.W.

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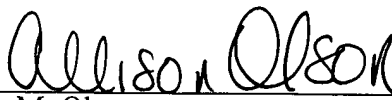
Our Docket No: **240703-1170**

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL492178087US**.

Date:

9.29.00



Allison M. Olson

jc882 U.S. PTO
09/675513
09/29/00

006260 "ET 552960

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective December 29, 1999
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Complete If Known

Application Number **TBD**
Filing Date **TBD**
First Named Inventor **BIRKETT, et al.**
Examiner Name **TBD**
Group / Art Unit **TBD**
Attorney Docket No. **240703-1170**

TOTAL AMOUNT OF PAYMENT (\$)**748.00**

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge to the following Deposit Account,
Deposit Account Number **20-0778**
Deposit Account Name **Thomas, Kayden, Horstemeyer Risley**
☒ Charge any additional fee required and requested to credit any overpayment. ☐ Charge all indicated fees and any additional fee required or credit any overpayment.

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☒ Credit Card

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	\$690
106	310	206	155	Design filing fee	\$
107	480	207	240	Plant filing fee	\$
108	760	208	380	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1)					(\$) 690

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20** = 1	18.00	18
Independent Claims 1	-3** = 0	78.00	0
Multiple Dependent		260.00	0

**or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent Claims in excess of 3
104	260	204	130	Multiple dependent claims in excess of 3
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**18**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension of time within second month	
117	870	217	435	Extension of time within third month	
118	1,360	218	680	Extension of time within fourth month	
128	1,850	228	925	Extension of time within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a pubic use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (time number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) Assignment Recordation Fee **40.00**

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **40.00**

SUBMITTED BY

Typed or Printed Name

DANIEL J. SANTOS

Signature

Daniel J. Santos Date **9/29/00**

Complete (if applicable)

Reg. Number

40,158

Deposit Account User ID